

# New Jersey Drug and Alcohol Abuse Treatment

## **Substance Abuse Overview 2002 Cumberland County**



Prepared by:  
Division of Addiction Services  
Research and Information Systems  
Trenton, New Jersey

James E. McGreevey  
Governor

Clifton R. Lacy, M.D.  
Commissioner

July 2003



**State of New Jersey**  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
DIVISION OF ALCOHOLISM, DRUG ABUSE, AND ADDICTION SERVICES  
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Governor

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CLIFTON R. LACY, M.D.  
Commissioner

July 2003

Dear Colleague:

This ***Substance Abuse Overview*** provides statistics and social indicators related to substance abuse and substance abuse treatment in your county. In 2002 there were more than 56,000 treatment admissions reported to the New Jersey Department of Health and Senior Services. Most of these reports were submitted on the paper forms of the Drug Abuse Data System (ADADS), but more than 1,000 admissions were reported by treatment providers in the web-based NJ Substance Abuse Monitoring System (NJ-SAMS) which began operations in October, 2002.

The Overview includes:

- State Totals for Substance Abuse Treatment Admissions for 2002.
- County Totals for Substance Abuse Treatment Admissions for 2002.
- Selected Social and Health Indicators for Your County.
- County Share of Substance Abuse Admissions by Primary Drug.
- Distribution of Substance Abuse Admissions by Primary Drug within County.
- Substance Abuse Admissions by Municipality and Primary Drug
- Treatment Admissions by Municipality of Residence, Primary Drug and Age.
- Estimated Number of People in Need of Treatment by County and Drug Type.

Dr. Abate Mammo prepared the need for treatment estimates and Dr. Yohannes Hailu compiled the social and health indicators.

If you have any questions about the data or participation in NJ-SAMS you may contact the Research and Information Systems Unit by email at [charles.crowley@doh.state.nj.us](mailto:charles.crowley@doh.state.nj.us) or by telephone at (609) 292-8930.

Sincerely,

Charles J. Crowley  
Coordinator,  
Systems Analysis & Development

# New Jersey Alcohol and Drug Abuse Data System

## Substance Abuse Treatment Admissions

### State Totals

**Admissions:** 1/1/2002 - 12/31/2002

<b>Primary Drug</b>			<b>Legal Problem*</b>		
Alcohol	15,525	28%	None	28,427	50%
Heroin	28,274	50%	Probation/Parole	14,422	26%
Intravenous	10,469	19%	DWI License Susp.	4,181	7%
Cocaine	5,592	10%	Other	11,859	21%
Smoked	3,768	7%			
Marijuana	6,052	11%	<b>Referral Source</b>		
Other Drugs	875	2%	Self-referral	22,900	41%
<b>Treatment Setting</b>			Family/Friend	4,725	8%
Couns/Coord-I/R	340	1%	Social Agency	14,878	26%
Hosp Detox/IMU	9,803	17%	Criminal Justice	11,275	20%
Residential Detox	5,001	9%	IDRC	2,448	4%
Short-Term Residential	5,236	9%	<b>Any Prior Treatment</b>		
Therapeutic Community	3,329	6%		40,303	71%
Extended Care/Halfway House	1,355	2%	<b>Ever Participated in 12-Step Program *</b>		
Outpatient Care	13,247	23%	No	21,962	39%
Outpatient Methadone Maint.	6,594	12%	Narcotics Anon.	26,252	47%
Intensive Outpatient	6,171	11%	Alcoholics Anon.	25,047	44%
Outpatient Detox	5,320	9%	Both NA and AA	18,376	33%
<b>Sex</b>			<b>Smoke Tobacco (Yes)</b>		
Male	39,095	69%		43,429	77%
Female	17,310	31%	<b>Clients Treated in Their County of Residence</b>		
<b>Race/Ethnicity</b>				32,546	58%
White	29,393	52%	<b>Completed High School</b>		
Black	18,314	32%		36,038	64%
Hispanic	7,677	14%	<b>County of Residence</b>		
Other	749	1%	Atlantic	2,223	4%
<b>Age at Admission</b>			Bergen	3,490	6%
Under 18	2,920	5%	Burlington	1,596	3%
18-20	3,616	6%	Camden	3,966	7%
21-24	6,079	11%	Cape May	1,019	2%
25-29	6,674	12%	Cumberland	1,412	3%
30-34	8,850	16%	Essex	9,312	17%
35-44	19,068	34%	Gloucester	1,640	3%
45-54	7,652	14%	Hudson	4,191	7%
55 and over	1,555	3%	Hunterdon	713	1%
<b>Employment Status</b>			Mercer	1,935	3%
Unemployed/Not in Labor Force	38,719	69%	Middlesex	3,375	6%
Employed Full/Part Time	16,577	29%	Monmouth	4,523	8%
<b>Health Insurance at Admission*</b>			Morris	2,140	4%
No Insurance	34,293	61%	Ocean	2,998	5%
Public Insurance	9,770	17%	Passaic	3,581	6%
Private Insurance	8,135	14%	Salem	477	1%
Other/Unknown	4,033	7%	Somerset	1,194	2%
<b>Month of Admission</b>			Sussex	825	1%
January	5,448	10%	Union	3,856	7%
February	4,626	8%	Warren	868	2%
March	4,931	9%	Other	1,090	2%
April	5,093	9%			
May	4,965	9%			
June	4,807	9%			
July	5,016	9%			
August	4,859	9%			
September	4,326	8%			
October	4,831	9%			
November	3,914	7%			
December	3,615	6%			
<b>Total Admissions =</b>				<b>56,431</b>	

*\*Totals greater than 100% because of multiple responses.*

**New Jersey Alcohol and Drug Abuse Data System**  
**Substance Abuse Treatment Admissions**  
**1/1/2002 - 12/31/2002**

Cumberland  
County Code 06

**Primary Drug**

Alcohol	629	45%
Heroin	344	24%
Intravenous Heroin	174	12%
Cocaine	168	12%
Smoked Cocaine	129	9%
Marijuana	244	17%
Other Drugs	18	1%

**Treatment Setting**

Couns/Coord-I/R	0	0%
Hosp Detox/IMU	55	4%
Residential Detox	132	9%
Short-Term Residential	230	16%
Therapeutic Community	66	5%
Extended Care/Halfway House	46	3%
Outpatient Care	396	28%
Outpatient Methadone Maint.	86	6%
Intensive Outpatient	396	28%
Outpatient Detox	5	0%

**Sex**

Male	1,079	76%
Female	331	23%

**Race/Ethnicity**

White	645	46%
Black	415	29%
Hispanic	298	21%
Other	41	3%

**Age at Admission**

Under 18	101	7%
18-20	106	8%
21-24	197	14%
25-29	219	16%
30-34	221	16%
35-44	399	28%
45-54	141	10%
55 and over	28	2%

**Employment Status**

Unemployed/Not in Labor Force	806	57%
Employed Full/Part Time	483	34%

**Legal Problem\***

None	353	25%
Probation/Parole	573	41%
DWI License Susp.	160	11%
Other	300	21%

**Referral Source**

Self-referral	283	20%
Family/Friend	60	4%
Social Agency	410	29%
Criminal Justice	524	37%
IDRC	129	9%

**Any Prior Treatment**

787	56%
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**Ever Participated in 12-Step Program**

No	623	44%
Narcotics Anon.	525	37%
Alcoholics Anon.	565	40%
Both NA and AA	425	30%

**Smoke Tobacco (Yes)**

1,067	76%
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**Completed High School**

711	50%
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**Patients Treated in Their County of Residence**

651	46%
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**Health Insurance at Admission\***

No Insurance	899	64%
Public Insurance	141	10%
Private Insurance	269	19%
Other/Unknown	106	8%

**Month of Admission**

January	113	8%
February	107	8%
March	132	9%
April	137	10%
May	107	8%
June	114	8%
July	107	8%
August	112	8%
September	122	9%
October	131	9%
November	128	9%
December	102	7%

**Total Admissions = 1,412**

*\*Totals greater than 100% because of multiple responses.*

<b>Cumberland County: Selected Social and Health Indicators</b>			
<b>General Risk Factors by Domain</b>	<b>State</b>	<b>County</b>	<b>County/State Ratio</b>
<b>Community Environment:</b>			
• Children below poverty (%), 1997	14.80	24.70	1.67
• Voter participation (%), 2000	70.00	61.00	0.87
• Violent crime rate / 1,000, 2000	3.80	7.20	1.89
<b>Family Structure: Rates/1,000 population</b>			
• Domestic violence rate, 2000	9.23	18.06	1.96
• Teenage birth rate, 1997	35.00	69.00	1.97
• Child abuse/neglect referrals rate, 1998	20.20	38.20	1.89
<b>School Involvement:</b>			
• Dropouts (% HS enrollment), 1994-95	4.20	7.10	1.69
• Adults not high school graduates (%), 1990	23.30	36.60	1.57
• Grade Eight Proficiency Assessment Index, 1999	0.755	0.711	0.94
<b>Individual / Peer Behaviors: Under 18 years old (Rate / 1,000)</b>			
• Juvenile drug arrest rate, 2000	3.87	3.92	1.01
• Juvenile DUI arrest rate, 2000	0.19	0.46	2.37
<b>Other Health Indicators: Rate / 100,000 population</b>			
• Drug abuse treatment admission rates, 2000	441.80	439.10	0.99
• Alcohol abuse treatment admission rates, 2000	189.10	300.00	1.59
• IDU risk AIDS case rates, 2001	119.00	107.00	0.90
• Cirrhosis of liver hospital admission rates	20.70	24.80	1.20
• Alcohol related mortality rates, 1998	5.20	**	**
• Drug related mortality rates, 1998	8.70	**	**
• Motor vehicle injury death rates, 1998	9.30	24.20	2.60
• Unintentional injury death rates, 1998	24.70	35.60	1.44
• Suicide rates, 1998	7.10	**	**
• Homicide rates, 1998	4.00	**	**
** Number is too small to calculate a reliable rate			

<b>Age-adjusted Cancer Incidence by Gender, Cumberland County – 1986-1996<sup>1</sup></b>				
	<b>Male</b>		<b>Female</b>	
	<b>Cumberland</b>	<b>New Jersey</b>	<b>Cumberland</b>	<b>New Jersey</b>
<b>Lung Cancer Rate<sup>2</sup></b>				
• White	95.9	83.0	46.3	43.9
• Black	174.4	114.8	44.4	42.5
<b>Oral Cancer Rate<sup>2</sup></b>				
• White	15.2	13.4	6.3	5.7
• Black	14.9	22.8	**	6.7
<b>Bladder Cancer Rate<sup>2</sup></b>				
• White	33.2	38.0	9.1	9.7
• Black	10.4	15.8	5.3	6.1
1 Incidence rates per 100,000 population, age adjusted to the 1970 population.				
2 Average annual rate				

## Cumberland County

Alcohol, Tobacco, & Other Drug (ATOD) Use by New Jersey Middle School Students, 2001		
Annual Prevalence	New Jersey Percent	Cumberland Percent
• Cigarettes	12.3	16.7
• Alcohol	30.7	31.2
• Marijuana	4.7	8.0
• Inhalants	4.7	5.6
• Heroin	0.4	0.5
• Any Other Drugs	1.9	2.0

Risk Factor Scale Scores – Middle School Survey, 2001		
Selected Risk Factors by Domain	New Jersey	Cumberland
<b>Community Domain:</b>		
• Low Neighborhood Attachment	48	54
• Community Transitions and Mobility	51	44
• Perceived Availability of Drugs and Firearms	28	29
<b>Family Domain:</b>		
• Poor Family Supervision	46	47
• Parental Attitudes Favorable toward ATOD Use	40	41
<b>School Domain:</b>		
• Poor Academic Performance	51	56
• Low School Commitment	49	53
<b>Peer – Individual Domain:</b>		
• Friends' Use of Drugs	35	38
• Favorable Attitudes toward Antisocial Behavior	54	53
• Low Perceived Risk of Drug use	33	36

Protective Factor Scale Scores – Middle School Survey, 2001		
Selected Protective Factors by Domain	New Jersey	Cumberland
<b>Community Domain:</b>		
• Community Rewards for Pro-social Involvement	49	43
<b>Family Domain:</b>		
• Family Attachment	55	51
• Family Rewards for Pro-social Involvement	57	53
<b>School Domain:</b>		
• School Opportunities for Pro-social Involvement	54	52
• School Rewards for Pro-social Involvement	48	44
<b>Peer – individual Domain</b>		
• Social Skills	56	54
• Belief in the Moral Order	53	50

**County Share of Substance Abuse Admissions by Primary Drug,  
2002 New Jersey Resident Admissions**

County of Residence	Primary Drug										Total	
	ALCOHOL		COCAINE		HEROIN		MARIJUANA		OTHERS			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	713	4.7	181	3.3	990	3.7	246	4.1	96	4.9	2226	4.0
Bergen	1539	10.1	450	8.2	1000	3.8	363	6.0	143	7.3	3495	6.3
Burlington	689	4.5	199	3.6	460	1.7	153	2.5	97	4.9	1598	2.9
Camden	1085	7.1	459	8.3	1657	6.2	526	8.7	242	12.3	3969	7.2
Cape May	495	3.2	105	1.9	193	0.7	166	2.8	72	3.7	1031	1.9
Cumberland	630	4.1	168	3.0	318	1.2	245	4.1	44	2.2	1405	2.5
Essex	958	6.3	638	11.6	7020	26.4	552	9.2	146	7.4	9314	16.8
Gloucester	583	3.8	157	2.8	532	2.0	245	4.1	124	6.3	1641	3.0
Hudson	1052	6.9	382	6.9	2273	8.6	372	6.2	118	6.0	4197	7.6
Hunterdon	335	2.2	47	0.9	194	0.7	100	1.7	42	2.1	718	1.3
Mercer	620	4.1	333	6.0	642	2.4	301	5.0	41	2.1	1937	3.5
Middlesex	851	5.6	327	5.9	1615	6.1	452	7.5	115	5.9	3360	6.1
Monmouth	1322	8.6	689	12.5	1721	6.5	639	10.6	162	8.2	4533	8.2
Morris	899	5.9	131	2.4	862	3.2	140	2.3	99	5.0	2131	3.8
Ocean	830	5.4	217	3.9	1529	5.8	275	4.6	147	7.5	2998	5.4
Passaic	666	4.4	353	6.4	2084	7.8	424	7.0	59	3.0	3586	6.5
Salem	184	1.2	61	1.1	118	0.4	103	1.7	13	0.7	479	0.9
Somerset	454	3.0	93	1.7	443	1.7	160	2.7	43	2.2	1193	2.2
Sussex	308	2.0	44	0.8	363	1.4	59	1.0	52	2.6	826	1.5
Union	714	4.7	418	7.6	2295	8.6	361	6.0	64	3.3	3852	7.0
Warren	381	2.5	68	1.2	240	0.9	139	2.3	46	2.3	874	1.6
State Total	15308	100.0	5520	100.0	26549	100.0	6021	100.0	1965	100.0	55363	100.0

**Distribution of Substance Abuse Admissions by Primary Drug within County,  
2002 NJ Resident Admissions**

County of Residence	Primary Drug										Total	
	ALCOHOL		COCAINE		HEROIN		MARIJUANA		OTHERS			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	713	32.0	181	8.1	990	44.5	246	11.1	96	4.3	2226	100.0
Bergen	1539	44.0	450	12.9	1000	28.6	363	10.4	143	4.1	3495	100.0
Burlington	689	43.1	199	12.5	460	28.8	153	9.6	97	6.1	1598	100.0
Camden	1085	27.3	459	11.6	1657	41.7	526	13.3	242	6.1	3969	100.0
Cape May	495	48.0	105	10.2	193	18.7	166	16.1	72	7.0	1031	100.0
Cumberland	630	44.8	168	12.0	318	22.6	245	17.4	44	3.1	1405	100.0
Essex	958	10.3	638	6.8	7020	75.4	552	5.9	146	1.6	9314	100.0
Gloucester	583	35.5	157	9.6	532	32.4	245	14.9	124	7.6	1641	100.0
Hudson	1052	25.1	382	9.1	2273	54.2	372	8.9	118	2.8	4197	100.0
Hunterdon	335	46.7	47	6.5	194	27.0	100	13.9	42	5.8	718	100.0
Mercer	620	32.0	333	17.2	642	33.1	301	15.5	41	2.1	1937	100.0
Middlesex	851	25.3	327	9.7	1615	48.1	452	13.5	115	3.4	3360	100.0
Monmouth	1322	29.2	689	15.2	1721	38.0	639	14.1	162	3.6	4533	100.0
Morris	899	42.2	131	6.1	862	40.5	140	6.6	99	4.6	2131	100.0
Ocean	830	27.7	217	7.2	1529	51.0	275	9.2	147	4.9	2998	100.0
Passaic	666	18.6	353	9.8	2084	58.1	424	11.8	59	1.6	3586	100.0
Salem	184	38.4	61	12.7	118	24.6	103	21.5	13	2.7	479	100.0
Somerset	454	38.1	93	7.8	443	37.1	160	13.4	43	3.6	1193	100.0
Sussex	308	37.3	44	5.3	363	43.9	59	7.1	52	6.3	826	100.0
Union	714	18.5	418	10.9	2295	59.6	361	9.4	64	1.7	3852	100.0
Warren	381	43.6	68	7.8	240	27.5	139	15.9	46	5.3	874	100.0
State Total	15308	27.7	5520	10.0	26549	48.0	6021	10.9	1965	3.5	55363	100.0



**Substance Abuse Admissions by Municipality and Primary Drug  
January 1, 2002 to December 31, 2002**

**County Cumberland**

MUNICIPALITY	PRIMARY DRUG										COUNTY TOTAL	
	ALCOHOL		COCAINE		HEROIN		MARIJUANA		OTHERS			
	N	%	N	%	N	%	N	%	N	%	N	%
Bridgeton City	184	49.6	41	11.1	66	17.8	67	18.1	13	3.5	371	100.0
Commercial Twp	10	40.0	2	8.0	5	20.0	8	32.0			25	100.0
Deerfield Twp	26	76.5	2	5.9	4	11.8	2	5.9			34	100.0
Downe Twp	2	15.4	4	30.8	3	23.1	2	15.4	2	15.4	13	100.0
Fairfield Twp	1	16.7			1	16.7	4	66.7			6	100.0
Greenwich Twp	4	50.0	2	25.0			2	25.0			8	100.0
Hopewell Twp	4	80.0	1	20.0							5	100.0
Lawrence Twp	3	33.3	2	22.2	1	11.1	2	22.2	1	11.1	9	100.0
Maurice River Twp	12	33.3	10	27.8	3	8.3	10	27.8	1	2.8	36	100.0
Millville City	134	44.8	30	10.0	59	19.7	68	22.7	8	2.7	299	100.0
Shiloh Boro	3	75.0							1	25.0	4	100.0
Stow Creek Twp	2	66.7	1	33.3							3	100.0
Upper Deerfield Twp	9	31.0	5	17.2	3	10.3	11	37.9	1	3.4	29	100.0
Vineland City	234	41.9	67	12.0	173	31.0	68	12.2	16	2.9	558	100.0
Not Stated	2	40.0	1	20.0			1	20.0	1	20.0	5	100.0
County Total	630	44.8	168	12.0	318	22.6	245	17.4	44	3.1	1405	100.0

## Treatment Admissions by Municipality of Residence, Primary Drug and Age, 2002

CUMBERLAND	ALCOHOL						DRUGS						TOTAL					
	18+		UNDER 18		TOTAL		18+		UNDER 18		TOTAL		18+		UNDER 18		TOTAL	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Bridgeton City	181	98.9	2	1.1	183	100.0	168	89.8	19	10.2	187	100.0	349	94.3	21	5.7	370	100.0
Commercial Twp	8	80.0	2	20.0	10	100.0	14	93.3	1	6.7	15	100.0	22	88.0	3	12.0	25	100.0
Deerfield Twp	26	100.0			26	100.0	8	100.0			8	100.0	34	100.0			34	100.0
Downe Twp	2	100.0			2	100.0	11	100.0			11	100.0	13	100.0			13	100.0
Fairfield Twp	1	100.0			1	100.0	2	40.0	3	60.0	5	100.0	3	50.0	3	50.0	6	100.0
Greenwich Twp	4	100.0			4	100.0	2	50.0	2	50.0	4	100.0	6	75.0	2	25.0	8	100.0
Hopewell Twp	4	100.0			4	100.0	1	100.0			1	100.0	5	100.0			5	100.0
Lawrence Twp	3	100.0			3	100.0	4	66.7	2	33.3	6	100.0	7	77.8	2	22.2	9	100.0
Maurice River Twp	10	83.3	2	16.7	12	100.0	19	79.2	5	20.8	24	100.0	29	80.6	7	19.4	36	100.0
Millville City	120	89.6	14	10.4	134	100.0	138	84.1	26	15.9	164	100.0	258	86.6	40	13.4	298	100.0
Shiloh Boro	3	100.0			3	100.0	1	100.0			1	100.0	4	100.0			4	100.0
Stow Creek Twp	2	100.0			2	100.0	1	100.0			1	100.0	3	100.0			3	100.0
Upper Deerfield Twp	9	100.0			9	100.0	17	85.0	3	15.0	20	100.0	26	89.7	3	10.3	29	100.0
Vineland City	224	96.1	9	3.9	233	100.0	314	96.9	10	3.1	324	100.0	538	96.6	19	3.4	557	100.0
Not Stated	2	100.0			2	100.0	3	100.0			3	100.0	5	100.0			5	100.0
Total	599	95.4	29	4.6	628	100.0	703	90.8	71	9.2	774	100.0	1302	92.9	100	7.1	1402	100.0

**Estimated Number of People in Need of Treatment by County and Drug Type  
(1998 estimates)**

County	Lifetime Need for Alcohol Treatment	Current Need for Heroin Treatment	Current Need for Cocaine Treatment	Need for Other Illicit Drug Treatment	Combined Current Need for Illicit Drug Treatment	Combined Need for Alcohol and Illicit Drug Treatment
Atlantic	13,416	3,624	4,792	5,070	13,486	26,902
Bergen	65,230	4,511	5,479	4,426	14,416	79,646
Burlington	10,640	1,846	4,420	4,437	10,703	21,343
Camden	33,167	6,530	8,109	5,225	19,864	53,031
Cape May	6,640	830	1,174	1,895	3,899	10,539
Cumberland	9,700	1,012	2,506	1,554	5,072	14,772
Essex	26,637	22,750	10,427	6,968	40,145	66,782
Gloucester	9,253	1,648	3,050	2,204	6,902	16,155
Hudson	33,652	8,703	7,749	5,662	22,114	55,766
Hunterdon	5,026	656	641	1,362	2,659	7,685
Mercer	25,175	2,204	7,081	3,878	13,163	38,338
Middlesex	41,194	6,289	6,181	4,231	16,701	57,895
Monmouth	37,528	3,796	9,174	7,399	20,369	57,897
Morris	20,377	2,656	2,282	1,799	6,737	27,114
Ocean	39,622	2,955	3,746	4,130	10,831	50,453
Passaic	21,036	6,102	6,182	4,593	16,877	37,913
Salem	4,470	186	1,316	663	2,165	6,635
Somerset	13,759	1,356	1,961	1,873	5,190	18,949
Sussex	10,500	573	702	1,709	2,984	13,484
Union	17,369	7,714	5,487	3,668	16,869	34,238
Warren	8,827	412	1,282	889	2,583	11,410
Total	453,218	86,353	93,741	73,635	235,729	706,947

Estimates of lifetime need for alcohol treatment based on data from the New Jersey 1998 Telephone Household Survey.

Estimates of current need for illicit drug treatment based on capture-recapture analysis of data from the Alcohol and Drug Abuse Data System (ADADS): 1996-1998.